dormakaba

dormakaba compact reader 91 12

Reliable access solution with PIN keypad
Compact reader 91 12 offers an integrated PIN keypad for access systems, providing flexible use for high security requirements.

Award-winning design and elegance
Compact reader 91 12 with elegant high-gloss finish can be integrated harmoniously into existing buildings. The scratch-resistant glass surface, non-wearing keys and complete product portfolio also safeguard your investment in the case of intensive usage over a long operating period.

Flexible integration
Compact reader 91 12 can be integrated into many online dormakaba systems.

Areas of application
Compact reader 91 12 is suitable for access points that require additional PIN verification for security reasons. As it is fully compatible with the existing cabling, it is an ideal way of upgrading older installations.

Compact reader 91 12 fits onto any standard mounting socket and is available in two hardware designs:
• with rear panel and sealing pad for use in protected outdoor areas (concealed wiring) or
• with a spacer frame for use indoors (surface wiring).

Applications
• Exterior doors
• Office buildings
• Automatic doors
• Lifts
• Garage doors etc.
• Mobile Access

Advantages at a glance

Elegant design
Contemporary, award-winning design with scratch-resistant glass surface

Robust and weather-resistant
Suitable for outdoor use thanks to robust and impermeable design (IP66)

Security
Integrated tamper switch

Seamlessly integrated
Works in online mode, Mobile Access mode or CardLink mode

Can be retrofitted
It is possible to use existing wiring and it is easy to replace the existing compact reader using the PIN

Secure investment
Expandable, as it can be combined with a number of dormakaba access systems

Features

Intuitive to use
An acoustic signal generator and light symbol (red/green) in the form of a square indicate the access decision to users. Access media are held up to the light symbol. If PIN entry is requested, the keypad will light up. Users are assisted by 'Guide by Light' during this. With Mobile Access, your mobile phone acts as the identification medium and permissions are assigned to the user/mobile phone. The identification process is controlled by a dormakaba app and the LEGIC cloud.

Versatile
Compact reader 91 12 is mounted indoors or in outdoor areas.
A protective frame, which protects against vandalism, is also available. For example, with the optional CardLink function it can be used as a validation reader in entrance areas and new temporary authorisations saved directly to the card each day. Indoors, the reader is an ideal solution for spaces that need extra security, such as server rooms or air cargo warehouses.
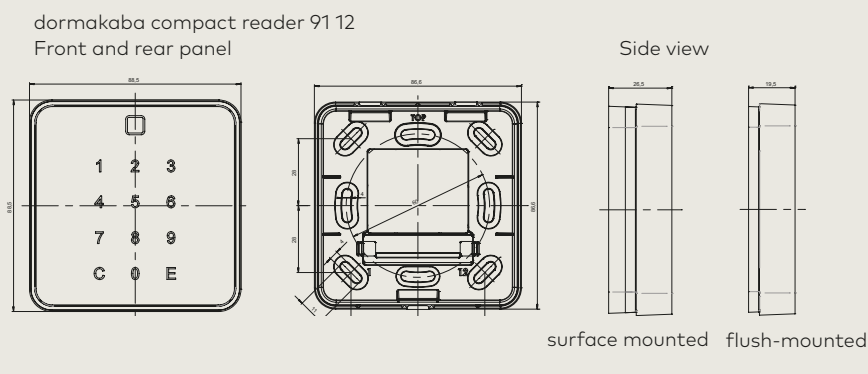
Assembly
Compact reader 91 12 can be installed on various surfaces, including directly onto metal, in internal and external areas. It is designed for surface cable mounting using a spacer frame and flush cable mounting using a rear panel. As such, the compact reader can be installed directly on concealed mounting sockets and on the wall.

A universal portfolio
dormakaba's product range includes combinable products that share the same high-quality design.

Note: The product›s range of available functions depends on the system context in which it is used.

Technical specification

Supported RFID technologies
• LEGIC (advant & prime)
• MIFARE (DESFire & Classic)
• Mobile Access with NFC
• Mobile Access with BLE

Design / material / dimensions
• Concealed mounting variant UP (rear panel/sealing pad): 88.5 x 88.5 x 19.5 mm (W x H x D)
• Mounting variant AP (spacer frame): 88.5 x 88.5 x 46.5 mm (W x H x D)
• Front: ESG Float glass Colour: RAL 9005 deep black, RAL 9016 white
• Frame: plastic; Colour: RAL 9006 white aluminium
• Rear panel/spacer frame: Colour: RAL 9005, RAL 9016

Interfaces
• RS-485: connection to host; galvanically isolated, differential
• two binary inputs: max. 5 VDC
• 1 relay output: max. 34 VDC/60 W, max. 27 VAC/60 VA tamper contact

Power supply
• 12–27 VAC, 50/60 Hz or 10–34 VDC
• power consumption: max. 3 W

Environmental conditions
• temperature: – 30 °C – +60 °C
• protection type: IP66
• humidity: 5 – 85 %, noncondensing

Certificates / standards
• EN 301 489-1, EN 301 489-3, EN 300 330-1, EN 300 330-2
• RED 2014/53/EU

Further details and order information can be found in the relevant dormakaba catalogues or system descriptions.

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Front and rear panel

Side view

surface mounted   flush-mounted

Any questions? We would be happy to answer any questions you may have.